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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the METHOD FOR ADAPTIVE BIT ASSIGNMENT AND FINE GAIN SETTING IN A MULTI-CARRIER COMMUNICATIONS SYSTEM, the specification of which

- is attached hereto.
 was filed on January 25, 2002 as Application Serial No. 10/057,053 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications(s):

Number	Country	Day/Month/Year filed	Priority Claimed
			<input type="checkbox"/> <input type="checkbox"/>

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):

Application No. 60/264,331 Filing Date: January 25, 2001

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

Serial No. Filing Date Status: Patented, Pending, Abandoned

Docket No.: 52637-0035

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Edward A. Becker, Reg. No. 37,777; Marcel K. Bingham, Reg. No. 42,327; Brian D. Hickman, Reg. No. 35,894; Christopher J. Palermo, Reg. No. 42,056; Bobby K. Truong, Reg. No. 37,499; Craig G. Holmes, Reg. No. 44,770, Van Mahamed, Reg. No. 42,828, John D. Henkhaus, Reg. No. 42,656, Meera Parikh, Reg. No. P-48,296, Eric A. Dippel, Reg. No. 48,890, and Cheryl A. Eichstaedt, P-50,761 all of

HICKMAN PALERMO TRUONG & BECKER LLP
1600 Willow Street
San Jose, California 95125-5106

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of sole or first inventor: Shane Tonissen

Inventor's signature: Shane Tonissen

Date: 25 FEB 2002

Residence: Kensington, Victoria, Australia

Citizenship: Australian

Mailing Address: 4 Parsons St.,

Mailing Address: Victoria, Victoria 3001 Australia

3031 Shane Tonissen 25 FEB 2002

Full name of second inventor: Andrew Storm

Inventor's signature: A. Storm.

Date: 25th FEB, 2002

Residence: Hawthorn, Victoria, Australia

Citizenship: Australian

Mailing Address: GPO BOX 5147

Mailing Address: Melbourne, Victoria 3001 Australia

Full name of third inventor: Bryan Beresford-Smith

Inventor's signature:

Date: 25th Feb 2002

Residence: Clifton Hill, Victoria, Australia

Clifton Hill

25/2/02

Citizenship: Australia

Mailing Address: 11a Noone St.

Mailing Address: Clifton Hill, Victoria 3149, Australia

3068

Full name of fourth inventor: David Wu

Inventor's signature:

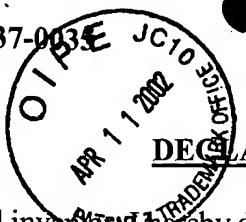
Date:

Residence: Mt. Waverly, Victoria, Australia

Citizenship: Australia

Mailing Address: 34 Munro Ave.

Mailing Address: Mt. Waverly, Victoria 3149, Australia



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Inventor's signature: _____ Date: _____

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Citizenship: Australian

Mailing Address: 4 Parsons St.,

Mailing Address: Victoria, Victoria 3031 Australia

Full name of second inventor: Andrew Storm

Inventor's signature: _____ Date: _____

Residence: Hawthorn, Victoria, Australia

Citizenship: Australian

Mailing Address: GPO BOX 5147

Mailing Address: Melbourne, Victoria 3001 Australia

Full name of third inventor: Bryan Beresford-Smith

Inventor's signature:

Date:

Residence: Clifton Hill, Victoria, Australia

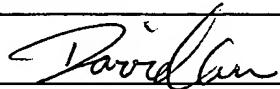
Citizenship: Australia

Mailing Address: 11a Noone St.

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Full name of fourth inventor: David Wu

Inventor's signature:



Date:

27/3/2002

Residence: Mt. Waverly, Victoria, Australia

Citizenship: Australia

Mailing Address: 34 Munro Ave.

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